

MOLECULAR PHARMACOLOGY

January 2022

Volume 101

Number 1

molpharm.aspetjournals.org

ISSN 1521-0111

MINIREVIEW

Mechanisms to Repair Stalled Topoisomerase II-DNA Covalent Complexes

Rebecca L. Swan, Ian G. Cowell, and Caroline A. Austin

24

ARTICLES

- ▣ Ibrutinib Blocks YAP1 Activation and Reverses BRAF Inhibitor Resistance in Melanoma Cells
Sean A. Misek, Patrick A. Newbury, Evgenii Chekalin, Shreya Paithankar, Andrea I. Doseff, Bin Chen, Kathleen A. Gallo, and Richard R. Neubig 1
- ▣ Chryso splenol-C Increases Contraction by Augmentation of Sarcoplasmic Reticulum Ca²⁺ Loading and Release via Protein Kinase C in Rat Ventricular Myocytes
J. Wang, T.N. Trinh, A. T. V. Vu, J.C. Kim, A.T.N. Hoang, C.J. Ohk, Y.H. Zhang, C.M. Nguyen, and S.H. Woo 13
- ▣ Structural Basis of the Negative Allosteric Modulation of 5-BDBD at Human P2X4 Receptors
Stefan Bidula, Izzuddin Bin Nadzirin, Marco Cominetti, Harry Hickey, Sean A. Cullum, Mark Searcey, Ralf Schmid, and Samuel J. Fountain 33
- ▣ Decoding Cinnabarinic Acid-Specific Stanniocalcin 2 Induction by Aryl Hydrocarbon Receptor
Nikhil Y. Patil, Hui Tang, Iulia Rus, Kangling Zhang, and Aditya D. Joshi 45
- ▣ Steroidal Antagonists of Progesterone- and Prostaglandin E₁-Induced Activation of the Cation Channel of Sperm
Erick J. Carlson, Gunda I. Georg, and Jon E. Hawkinson 56

▣ Supplemental material is available online at <http://molpharm.aspetjournals.org>.

About the cover: Ibrutinib re-sensitizes BRAFi-resistant cells to vemurafenib. See the article by Misek et al. ([dx.doi.org/10.1124/molpharm.121.000331](https://doi.org/10.1124/molpharm.121.000331)).